

Superior Engineering Installation Instructions

Part Description: Nissan GQ/GU Super Flex Radius Arm
Part Nos: SUPRARM*****

Superior
ENGINEERING.COM.AU
PREMIUM 4X4 ACCESSORIES

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NOTE: Read and understand these Installation Instructions before beginning the installation process. Retain these installation Instructions for future reference.

It is recommended this item is installed by a Qualified Person.

Kit Includes:

QTY	DESCRIPTION
1	Long Radius Arm
1	Short Radius Arm
2	Superflex Adaptor Plates
1	M14X 100mm Bolt
1	M14 Nylock Nut
2	M16 x 100mm Bolts
1	Crush Bar

NOTE: working on one side at a time can make installation easier.

Check shock length after fitting item, as they may no longer be long enough to suit the suspension travel.

CAUTION

Please ensure all bolts are tightened to correct torque setting. Recheck in 500km. It is Recommended the vehicle be wheel aligned after fitting this item.

1. Chock wheels front and rear with vehicle in gear and handbrake on.
2. Remove the tie rod and sway bar as per vehicle services manual. If fitting the off road series Superflex Arm the whole sway bar assembly will need to be removed, including swaybar mounts.
3. Place jack under the pinion to hold the diff in position.
4. Remove the factory radius arm on the driver's side following the vehicle services manual and replace with the long radius arm, Start by fitting the rear of the arm in to the factory mounting spot on the chassis making sure to have the

mushroom bushes and steel washer's in there correct position then loosely fit the M16 nut. Refer to *figure 1* for assembly.



Figure 1: Mushroom Bush Assembly

5. Then push the front of the arm up into the factory mounting spot on the diff Reuse the OEM M16 x 90mm bolts. **NOTE: that front bolts may not be able to be fitted, if so just fit either top or bottom bolt for the moment.**
6. Remove passenger side factory radius arm and fit the new short radius arm following the same procedure as the driver's side.
7. While supporting the radius arm in place fit the Superflex Adapter Plates either side of the radius arm. The crush bar fits in between the two plates and the supplied M16 x 100mm bolts fits in the front.
8. The other supplied M16 x100mm bolt is for the top rear passenger hole and the M14 x 100mm bolt fits in the lower rear hole.

9. Move the pinion up or down to fit the last bolts in place.
10. Place the driver's side last bolt in place if necessary.
11. If your vehicle is equipped with ABS, bolt the OE ABS bracket to the top side of the radius arms as per *figure 2*.

NOTE: Check ABS sensor lines are free to move through the full range of travel.



Figure 2: ABS lines

NOTE
ABS LINES HOLES DO NOT COME STANDARD AND MUST BE OPTIONED WHEN ORDERING.

12. Re fit sway bar (if performance series radius arms) and tie rod as per vehicle service manual.
13. Tighten all the bolts up to recommended torque settings



Figure 3: shows plates fitted on passenger side

WARNING
Caution should always be taken when working around brake and ABS lines as failure can cause injury or death.

14. It is recommended that the vehicle receive a wheel alignment after fitting of this product.